PTO/SB/08A (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of Sheet

Complete if Known						
Application Number	10/809.655					
Filing Date	03/25/2004					
First Named Inventor	Zhonglin Hao					
Art Unit	1653					
Examiner_Name	Homes Rooke					
Attorney Docket Number	00497-09)				

			U.S. PATI	ENT DOCUMENTS	
Examiner Initials*		Document Number Number - Kind Code 2 (If known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 3 -Number 4 - Kind Code 3 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Peges, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ ⁶
AR.	1	WO 0 0 /12708	03-09-2000	Genentech Inc.		
	2	WO 98/00486	01-08-1998	Procter & Gamble		
	3	WO 99/11293	03-11-1999	Human Genome Sciences, Inc.		
	4	WO 01/42451	12-07-2000	Genset		
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	Examiner Signature	Agnes	B,	Rooke	Date Considered	May 4, 2005
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1 Applicant's unique citation designation number (optional). **See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. **Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senal number of the patent document. **Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. **Applicant is to place a check mark here if English learning a standard ST. 16 if possible. **Applicant is to place a check mark here if the standard ST. 16 if possible is the standard ST. 16 if possible in the standard ST. 16 if possible is the standard ST. 16 if possible in the standard ST. 16 if possible is the standard ST. 16 if possible in the standard ST. 16 if possible is the standard ST. 16 if possible in the standard ST. 16 if possible is the standard ST. 16 if possible is the standard ST. 16 if possible in the standard ST. 16 if possible is the standard ST. 16 if possible in the standard ST. 16 if possible is the standard ST. 16 if possible in the standard ST. 16 if possible is the English language Translation is attached.

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Со	mplete if Known
Application Number	10/809.655
Filing Date	03/25/2004
	Zhonglin HAO
Group Art Unit	1653
Examiner Name	Agnes Rodie
Attorney Docket Number	

A Schellenberger, V., Turck, C. W., Hedstrom, L. and Ritter, W. J. (1993). Mapping the S' Subsites of Serine Proteases Using Acyl Transfer to Mictures of Peptide Mucleophiles. Biochemistry, Vol. 32, pp. 4349-4353.	Examiner Initials*	Cite No.1	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	AR	A	Schellenberger, V., Turck, C. W., Hedstrom, L. and Ritter, W. J. (1993). Mapping the S' Subsites of Serine Proteases Using Acyl Transfer to Mictures of Peptide Mucleophiles. Biochemistry, Vol. 32	
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Examiner Signature	Agnes	B,	Roohe	Date Considered	May	14,	2005
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Complete if Known Substitute for form 1449B/PTO 10/809.655 **Application Number** INFORMATION DISCLOSURE Filing Date 03/25/2004 First Named Inventor Zhonglin Hao STATEMENT BY APPLICANT Group Art Unit 1653 **Examiner Name** Agnes Rooke (use as many sheets as necessary) Attorney Docket Number 00497-09 Sheet of

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ2
AR	A	Naz, Rajesh K: "Application of Sperm Antigens in Immunocontraception", Frontiers in Bioscience 1, e87-95, Sep. 1 (1996).	
	В	O'HERN, PATRICIA A. et al: "Reversible Contraception in Female Baboons Immunized with a Synthetic Epitope of Sperm-Specific Lactate Dehydrogenase", Biology of Reproduction, Vol. 52, pp 331-339, (1995).	
	С	DATABASE EMBL 'Online!, Accession Number AF203447, 12 Nov. 2000, HAO, Z. et al.;"Homo Sapiens sperm acrosome membrane protein SAMP32, mRNA, complete cds".	
	D	DATABASE EMBL 'Online!, Accession Number AW173256, 17 Nov. 1999, NATIONAL CANCER INSTITUTE, CANCER GENOME ANATOMY PROJECT (CGAP): "Homo Sapiens cDNA clone".	
	E	DATABASE EMBL 'Online!, Accession Number AA824354, 20 Feb 1998, NATIONAL CANCER INSTITUTE, CANCER GENOME ANATOMY PROJECT (CGAP): "Homo Sapiens cDNA clone".	
	F	DATABASE EMBL 'Online, Accession No. AA431165, 25 May 1997, HILLIER, L. ET AL,: "zw71g10.r1 Soares_testis_NHT Homo sapiens cDNA clone".	
	G	DATABASE GENESEQ [Online], Accession No. AAV63171, 12 Jan. 1999, AGOSTINO MJ, et al.: "cDNA from clone cf50_1 which encodes a secreted protein".	
	Н	DATABASE GENESEQ [ONLINE], Accession No. AAA37094, 8 August 2000, BAKER, K et al,: "Human PRO1418 (UNQ732) cDNA Sequence SEQ ID NO:264".	
	I	DATABASE GENESEQ [ONLINE], Accession No. AAW80397, 12 January 1999, AGOSTINO MJ et al: "A Secreted Protein Encoded by Clone cf50_1".	
	J	DATABASE GENESEQ [ONLINE], Accession No. AAY99412, 8 August 2000, BAKER, K et al, "Human PRO1418 (UNQ732) Amino Acid Sequence SEQ ID NO:265".	
	K	CHEN, MICHELLEE S., et al.: "Role of the integrin-associated protein CD9 in binding between sperm ADAM 2 and the egg integrin a6b1: Implications for Murine Fertilization", PNAS, Vol 96, No. 21, pp 11830-11835, Oct 12 (1999).	

Examiner Agnes B. Rooke	Date May 4, 2005
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		.	OL COURT	Application Number	10/809,655			
INFU	KWATIONI	JIS	CLOSURE	Filing Date	03/25/2004			
STATEMENT BY APPLICANT				First Named Inventor	Zhonglin Hao			
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·	(use as many she	ets <u>e</u>	is necessary)	Examiner Name	Agnes Poole			
Sheet	2	of	2	Attorney Docket Number				

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Examiner nitials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
AR	L	LE NOIR, FRANCOIS, et al.: "Severely Reduced Female Fertility in CD9-Deficient Mice", SCIENCE, Vol. 287, Jan. 14 (2000).	
	М	DIEKMAN, ALAN B. et al,: "N-linked glycan of a sperm CD52 glycoform associated with human infertility", FASEB, Vol. 13, pp 1303-1308, Aug. (1999).	
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Examiner Agnes B, Rooke	Date Considered	May 4, 20	05
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